

REMARKS

This application contains claims 1-123, the status of which is as follows:

- (a) Claims 1-2, 4, 13-14, 27-30, 58-61, and 64 are as originally filed.
- (b) Claims 96, 98-99, 106, and 112-121 are as previously presented (they were added in a preliminary amendment).
- (c) Claims 26, 95, 97, 100-102, 105, and 107-110 have been currently amended.
- (d) Claims 3, 5-12, 15-25, 31-57, 62-63, 65-94, 103-104, 111, and 122-123 have been canceled. Claims 3, 5-12, 15-24, 31-40, 42-57, 62-63, and 65-89 were previously canceled, having been allowed in the parent application. Claims 25, 41, 90-94, 103-104, 111, and 122-123 have been currently canceled. Applicant intends to prosecute these claims in a continuation application which will be filed.

No new matter has been added. Reconsideration is respectfully requested.

The Specification

The title of the invention has been changed to be more descriptive than the title used on the declaration (which did not match the title used when the application was filed).

The Claims

Claims 1, 4, 15, 41, 58, 90, 91, 111, 122, and 123 were rejected under the judicially created doctrine of obviousness-type double patenting. Applicant will file a terminal disclaimer in order to overcome the rejections of claims 1, 4, and 58. Accordingly, Applicant submits that claims 1, 4, and 58 are now in a condition for allowance. Applicant has canceled claims 15, 41, 90, 91, 111, 122, and 123, as discussed herein.

Claims 41, 90, 91, 103, 104, 111, 122, and 123 were rejected under 35 U.S.C. 102(b) as being anticipated by Carman '902. In addition, claims 90 and 91 were objected to under 37 CFR 1.75 as being substantial duplicates of claims 122 and 123, respectively. While respectfully disagreeing with the Examiner's grounds for rejection and objection, Applicant has canceled these claims in order to expedite issuance of a patent on the claims which were found allowable.

Applicant intends to address these rejections and objections in a continuation application which will be filed.

Claims 25 and 92-94 were included in the Office Action Summary on the list of rejected claims, although no grounds for rejection were given in the body of the Office Action. Although Applicant believes these claims to be allowable, Applicant has nevertheless canceled these claims in order to expedite issuance of a patent on the claims which were found allowable. Applicant intends to prosecute these canceled claims in a continuation application which will be filed.

Claims 2, 4, 13, 14, 26-30, 59-61, 64, 95-102, and 105-110 were found by the Examiner to recite patentable subject matter, but were objected to as depending from rejected base claims. Claims 2, 4, 13, 14, and 27-30 depend, directly or indirectly, from rejected claim 1. Given the suggested allowability of claim 1 in light of the terminal disclaimer, Applicant suggests that claims 2, 4, 13, 14, and 27-30 are now in a condition for allowance. Claims 59-61 and 64 depend directly from rejected claim 58. Given the suggested allowability of claim 58 in light of the terminal disclaimer, Applicant suggests that claims 59-61 and 64 are now in a condition for allowance.

Claim 26 was found by the Examiner to recite allowable subject matter, but to depend from currently-canceled claim 25 (which, in turn, depended from claim 1). Accordingly, Applicant has currently amended claim 26 to depend directly from claim 1, and to include all of the limitations of currently-canceled claim 25. In light of this amendment, Applicant submits that claim 26 is now in condition for allowance.

Claims 95-102 were found by the Examiner to recite allowable subject matter, but to depend, directly or indirectly, from rejected claims 92 and 94. Accordingly, Applicant has currently amended claims 95-102, as necessary, to include all of the limitations of the canceled claims from which they previously depended, directly or indirectly. Specifically:

- Claim 95, which depended from canceled dependent claim 94, which in turn depended from canceled independent claim 92, has been amended to include all of the limitations of canceled claims 92 and 94.

- Claim 96, which depends from claim 95, remains as previously presented, but is now believed to be allowable in light of the suggested allowability of currently-amended claim 95.
- Claims 97, which depended from canceled independent claim 92, has been amended to include all of the limitations of canceled claim 92.
- Claims 98 and 99, which depend directly and indirectly, respectively, from claim 97, remain as previously presented, but are now believed to be allowable in light of the suggested allowability of currently-amended claim 97.
- Claims 100-102, which depended from canceled independent claim 92, have been amended to include all of the limitations of canceled claim 92.

In light of these amendments and remarks, Applicant submits that claims 95-102 are now in condition for allowance.

Claims 105-110 were found by the Examiner to recite allowable subject matter, but to depend, directly or indirectly, from rejected claim 103. Accordingly, Applicant has currently amended these claims, as necessary, to include all of the limitations of the canceled claim from which they previously depended, directly or indirectly. Specifically:

- Claim 105, which depended from canceled independent claim 103, has been amended to include all of the limitations of canceled claim 103.
- Claim 106, which depends from claim 105, remains as previously presented, but is now believed to be allowable in light of the suggested allowability of currently-amended claim 105.
- Claims 107-110, which depended from canceled independent claim 103, have been amended to include all of the limitations of canceled claim 103.

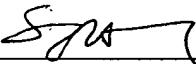
In light of these amendments and remarks, Applicant submits that claims 105-110 are now in condition for allowance.

Reply to Office Action of July 10, 2003

Applicant believes the amendments and remarks presented hereinabove to be fully responsive to all of the grounds of objection raised by the Examiner. In view of these amendments and remarks, and the terminal disclaimer which will be filed, Applicant respectfully submits that all of the claims in the present application are now in order for allowance. Notice to this effect is respectfully requested.

If this response is not considered timely filed and if a request for an extension of time is otherwise absent, Applicant hereby requests any necessary extension of time. If there is a fee occasioned by this response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to deposit account No. 23/2825.

Respectfully submitted,



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